INTERNAL USE ONLY CONFIDENTIAL

PROJECT INITIATION FORM
R&D LABORATORY

PROJECT TITLE: Circuit and Component Evaluation, Transmitter, Receiver and Selective Calling System

PROJECT NUMBER: 2110 NOMENCLATURE _____ PRIORITY Routine

EST. STARTING DATE 10-6-58 DATE REQUIRED Routine

CLASSIFICATION/QUANTITY: EQUIPMENT Unclassified / REPORT SECRET /Rtn plus 6 copies to EP

SOURCE OF REQUEST: EP request dated 7 Nov. 58 DATE REC'D. _____

AUTHORITY: [redacted] LIAISON CONTACT: [redacted] 25X1

RESPONSIBILITY: UNIT A&A ENGINEER [redacted] 25X1

PROJECT DESCRIPTION: 25X1

1. To determine the value and effectiveness of any and all unique circuitry or components developed under this project.

2. Tests required (Transmitter and Receiver*): Class A - 1
   - 2
   - 3
   - 4
   - 9

* On A - 11 compare with RR/AA-11 and RR/A-11 Receivers.

3. Temperature: -40° to +50°C.

4. The final report shall be used as specification.

ORIGINAL CL... 235979
☐ DECL ☒ REVW ON 2010
EXT BYND 6 YRS BY same
REASON 3d(3)

DOCUMENT NO. 4
NO CHANGE IN CLASS. ☐
DECLASSIFIED
CLASS. CHANGED TO: TS S (C) 2010
NEXT REVIEW DATE:
AUTH: HR 70-2
DATE: 4/12/80 REVIEWER: 037169

25X1

Distribution: A&A (2) ✓
R&D
Lab

CONFIDENTIAL

Date Completed: _____
Folder Location: Room # _____
Safe # _____
Drawer _____

SIGNED [redacted]

DATE 19 November 1958

INTERNAL USE ONLY

☐ UNCLASSIFIED ☐ USE ONLY ☐ CONFIDENTIAL ☐ SECRET

ROUTING AND RECORD SHEET

SUBJECT: (Optional)

FROM: OC-E/R+D-EP

NO.

DATE 10 Nov 1958

TO: (Officer designation, room number, and building)	DATE RECEIVED	DATE FORWARDED	OFFICER'S INITIALS	COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)
1. R+D			DHH	This is a confirming request for record purposes. DHH
2.				
3.				
4.				
5. R+D LAB			[illegible]	
6. June				do we have a proj init. sheet on this [illegible]
7.				
8.				
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11.				
12.				
13.				
14.				
15.				

FORM 1 DEC 56 610 USE PREVIOUS EDITIONS ☑ SECRET ☐ CONFIDENTIAL ☐ INTERNAL USE ONLY ☐ UNCLASSIFIED

REQUEST FOR EQUIPMENT EVALUATION

REQUEST NO.	PROJECT NO. 2110
PRIORITY CLASS	DATE

NOMENCLATURE

No nomenclature assigned. This transmitter is to be considered as a test vehicle.

MANUFACTURER

25X1

MODEL

PRICE **NA**

TYPE OF EVALUATION

	CLASS A *(Complete A & A)*		CLASS C *(General)*
X	CLASS B *(Partial A & A)*		CLASS D *(Operational)*

OTHER

	REPORT NEEDED BY *(Date)*		NO. OF COPIES REQUIRED **6 each**

SECURITY CLASSIFICATION

EQUIPMENT						REPORT					
	SECRET		CONFIDENTIAL	X	UNCLASS.	X	SECRET		CONFIDENTIAL		UNCLASS.

PURPOSE OF EVALUATION

The purpose of this evaluation is to determine the value and effectiveness of any and all uniques circuitry or components developed under this project. The final report shall be used as specifications.

FOR CLASS B *(Specify tests required)*

Class A - 1
- 2
- 3
- 4
- 9

GENERAL REQUIREMENTS

PROPOSED USE OR OPERATION

NONE

GEOGRAPHIC AREA OF PROPOSED USAGE

NONE

SPECIFIC REQUIREMENTS

TEMPERATURE **-40° to +50°C**	HUMAN
CLIMATE	OTHER **Circuit and Component Evaluation**

REQUESTING DIVISION		PERFORMING DIVISION	
DATE	APPROVED BY	DATE	APPROVED BY
DATE *7 Nov. 58*		DATE	PROJECT OFFICER 25X1

FORM

TYPE OF EVALUATION EXPLANATION

CLASS A

(1) ANALYSIS OF SUITABILITY OF CIRCUITS SELECTED TO PERFORM VARIOUS FUNCTIONS
(2) RECOMMENDATIONS FOR IMPROVEMENT OF CIRCUIT DESIGN AND/OR INCORPORATION OF MORE SUITABLE COMPONENTS
(3) FLEXIBILITY OF SYSTEM FEATURES
(4) ANALYSIS OF PROBABLE RELIABILITY OF OPERATION
(5) ANALYSIS OF FORM FACTOR OF UNITS OF SYSTEM WHERE APPLICABLE
(6) EVALUATION OF RELATIVE EASE OF MAINTENANCE AND SERVICING
(7) EVALUATION OF POSSIBLE METHODS OF FURTHER SIZE AND WEIGHT REDUCTION WHERE THIS IS AN IMPORTANT FACTOR
(8) ANALYSIS OF IMMUNITY TO FUNGUS, CORROSION, DUST, WATER IMMERSION, ETC.
(9) ANALYSIS OF COMPLEXITY OF OPERATION AND RELATIVE DEGREE OF OPERATOR SKILL REQUIRED
(10) ANALYSIS OF OPERATIONAL SUITABILITY FOR KNOWN TYPES OF FIELD STATION OR BASE STATION EMPLOYMENT
(11) COMPARISON WITH OTHER KNOWN SYSTEMS, DEVICES OR COMPONENTS OF SYSTEMS DESIGNED FOR SIMILIAR FUNCTIONS

CLASS B - THIS TYPE EVALUATION INCLUDES THE TEST AND EVALUATION OF ONLY THOSE CHARACTERISTICS OF A SYSTEM, DEVICE OR COMPONENT OF A SYSTEM WHICH ARE SPECIFIED BY THE REQUESTING INDIVIDUAL OR OFFICE. THE CONCLUSIONS AND RECOMMENDATIONS MAY INVOLVE ANY OF THE LISTED CATEGORIES UNDER THE CLASS "A" EVALUATION DESCRIBED ABOVE AND IS DEPENDENT UPON THE NATURE OF THE REQUEST.

CLASS C

(1) FLEXIBILITY OF SYSTEM FEATURES
(2) SUITABILITY OF FORM FACTOR OF UNITS
(3) ANALYSIS OF POSSIBLE APPLICATIONS OF ITEM UNDER CONSIDERATION
(4) ANALYSIS OF DEGREE OF OPERATOR SKILL REQUIRED
(5) COMMENTS ON UNUSUAL OR NOVEL CHARACTERISTICS WHICH MAY BE EVIDENT FROM TESTS, INSPECTION OR CLAIMED BY THE MANUFACTURER

CLASS D - THE OPERATIONAL EVALUATION PERFORMED INCLUDES THE FOLLOWING INFORMATION:

I. PHYSICAL
(1) DEFECTS, DAMAGES, OMISSIONS IN PACKING NOTED UPON DELIVERY
(2) COMPLEXITY OF ASSEMBLY OR DISASSEMBLY
(3) MECHANICAL RELIABILITY

II. OPERATIONAL
(1) COMPLEXITY OF TUNING OR FUNCTIONAL CHANGES
(2) ELECTRICAL RELIABILITY
(3) OMISSIONS OF FEATURES, I.E.: POOR STABILITY, RESETTABILITY, SELECTIVITY, ETC.

III. RECOMMENDATIONS
(1) RECOMMENDED OR NOT
(2) IF RECOMMENDED, FOR WHAT APPLICATIONS

ILLEGIB

REQUEST FOR EQUIPMENT EVALUATION

REQUEST NO.	PROJECT NO. 2110
PRIORITY CLASS	DATE

NOMENCLATURE

No nomenclature assigned. This transmitter is to be considered as a test vehicle.

MANUFACTURER

25X1

MODEL

PRICE NA

TYPE OF EVALUATION

	CLASS A (*Complete A & A*)		CLASS C (*General*)
X	CLASS B (*Partial A & A*)		CLASS D (*Operational*)

OTHER

	REPORT NEEDED BY (*Date*)		NO. OF COPIES REQUIRED 6 each

SECURITY CLASSIFICATION

EQUIPMENT						REPORT					
	SECRET		CONFIDENTIAL	X	UNCLASS.	X	SECRET		CONFIDENTIAL		UNCLASS.

PURPOSE OF EVALUATION

The purpose of this evaluation is to determine the value and effectiveness of any and all uniques circuitry or components developed under this project. The final report shall be used as specifications.

FOR CLASS B (*Specify tests required*)

Class A - 1
- 2
- 3
- 4
- 9

GENERAL REQUIREMENTS

PROPOSED USE OR OPERATION

NONE

GEOGRAPHIC AREA OF PROPOSED USAGE

NONE

SPECIFIC REQUIREMENTS

TEMPERATURE -40° to +50°C	HUMAN
CLIMATE	OTHER Circuit and Component Evaluation

REQUESTING DIVISION		PERFORMING DIVISION	
DATE	APPROVED BY	DATE	APPROVED BY
DATE	LIAISON CONTACT	DATE	PROJECT OFFICER

25X1

FORM

TYPE OF EVALUATION EXPLANATION

CLASS A

(1) ANALYSIS OF SUITABILITY OF CIRCUITS SELECTED TO PERFORM VARIOUS FUNCTIONS
(2) RECOMMENDATIONS FOR IMPROVEMENT OF CIRCUIT DESIGN AND/OR INCORPORATION OF MORE SUITABLE COMPONENTS
(3) FLEXIBILITY OF SYSTEM FEATURES
(4) ANALYSIS OF PROBABLE RELIABILITY OF OPERATION
(5) ANALYSIS OF FORM FACTOR OF UNITS OF SYSTEM WHERE APPLICABLE
(6) EVALUATION OF RELATIVE EASE OF MAINTENANCE AND SERVICING
(7) EVALUATION OF POSSIBLE METHODS OF FURTHER SIZE AND WEIGHT REDUCTION WHERE THIS IS AN IMPORTANT FACTOR
(8) ANALYSIS OF IMMUNITY TO FUNGUS, CORROSION, DUST, WATER IMMERSION, ETC.
(9) ANALYSIS OF COMPLEXITY OF OPERATION AND RELATIVE DEGREE OF OPERATOR SKILL REQUIRED
(10) ANALYSIS OF OPERATIONAL SUITABILITY FOR KNOWN TYPES OF FIELD STATION OR BASE STATION EMPLOYMENT
(11) COMPARISON WITH OTHER KNOWN SYSTEMS, DEVICES OR COMPONENTS OF SYSTEMS DESIGNED FOR SIMILIAR FUNCTIONS

CLASS B - THIS TYPE EVALUATION INCLUDES THE TEST AND EVALUATION OF ONLY THOSE CHARACTERISTICS OF A SYSTEM, DEVICE OR COMPONENT OF A SYSTEM WHICH ARE SPECIFIED BY THE REQUESTING INDIVIDUAL OR OFFICE. THE CONCLUSIONS AND RECOMMENDATIONS MAY INVOLVE ANY OF THE LISTED CATEGORIES UNDER THE CLASS "A" EVALUATION DESCRIBED ABOVE AND IS DEPENDENT UPON THE NATURE OF THE REQUEST.

CLASS C

(1) FLEXIBILITY OF SYSTEM FEATURES
(2) SUITABILITY OF FORM FACTOR OF UNITS
(3) ANALYSIS OF POSSIBLE APPLICATIONS OF ITEM UNDER CONSIDERATION
(4) ANALYSIS OF DEGREE OF OPERATOR SKILL REQUIRED
(5) COMMENTS ON UNUSUAL OR NOVEL CHARACTERISTICS WHICH MAY BE EVIDENT FROM TESTS, INSPECTION OR CLAIMED BY THE MANUFACTURER

CLASS D - THE OPERATIONAL EVALUATION PERFORMED INCLUDES THE FOLLOWING INFORMATION:

I. PHYSICAL
   (1) DEFECTS, DAMAGES, OMISSIONS IN PACKING NOTED UPON DELIVERY
   (2) COMPLEXITY OF ASSEMBLY OR DISASSEMBLY
   (3) MECHANICAL RELIABILITY

II. OPERATIONAL
   (1) COMPLEXITY OF TUNING OR FUNCTIONAL CHANGES
   (2) ELECTRICAL RELIABILITY
   (3) OMISSIONS OF FEATURES, I.E.: POOR STABILITY, RESETTABILITY, SELECTIVITY, ETC.

III. RECOMMENDATIONS
   (1) RECOMMENDED OR NOT
   (2) IF RECOMMENDED, FOR WHAT APPLICATIONS

REQUEST FOR EQUIPMENT EVALUATION

REQUEST NO.

PROJECT NO. 2110

PRIORITY CLASS

DATE

NOMENCLATURE

No nomenclature assigned - This transmitter is to be considered as a test vehicle.

MANUFACTURER

25X1

MODEL

PRICE **NA**

TYPE OF EVALUATION

	CLASS A *(Complete A & A)*		CLASS C *(General)*
X	CLASS B *(Partial A & A)*		CLASS D *(Operational)*

OTHER

	REPORT NEEDED BY *(Date)*		NO. OF COPIES REQUIRED **6 each**

SECURITY CLASSIFICATION

EQUIPMENT						REPORT					
	SECRET		CONFIDENTIAL	X	UNCLASS.	X	SECRET		CONFIDENTIAL		UNCLASS.

PURPOSE OF EVALUATION

The purpose of this evaluation is to determine the value and effectiveness of any and all uniques circuitry or components developed under this project.
The final report shall be used as specifications.

FOR CLASS B *(Specify tests required)*

Class A - 1
- 2
- 3
- 4
- 9

GENERAL REQUIREMENTS

PROPOSED USE OR OPERATION

None

GEOGRAPHIC AREA OF PROPOSED USAGE

None

SPECIFIC REQUIREMENTS

TEMPERATURE **-40° to +50°C**	HUMAN
CLIMATE	OTHER **Circuit and Component evaluation**

REQUESTING DIVISION		PERFORMING DIVISION	
DATE	APPROVED BY	DATE	APPROVED BY
DATE	LIAISON CONTACT	DATE	PROJECT OFFICER

25X1

FORM 1257

TYPE OF EVALUATION EXPLANATION

CLASS A

(1) ANALYSIS OF SUITABILITY OF CIRCUITS SELECTED TO PERFORM VARIOUS FUNCTIONS
(2) RECOMMENDATIONS FOR IMPROVEMENT OF CIRCUIT DESIGN AND/OR INCORPORATION OF MORE SUITABLE COMPONENTS
(3) FLEXIBILITY OF SYSTEM FEATURES
(4) ANALYSIS OF PROBABLE RELIABILITY OF OPERATION
(5) ANALYSIS OF FORM FACTOR OF UNITS OF SYSTEM WHERE APPLICABLE
(6) EVALUATION OF RELATIVE EASE OF MAINTENANCE AND SERVICING
(7) EVALUATION OF POSSIBLE METHODS OF FURTHER SIZE AND WEIGHT REDUCTION WHERE THIS IS AN IMPORTANT FACTOR
(8) ANALYSIS OF IMMUNITY TO FUNGUS, CORROSION, DUST, WATER IMMERSION, ETC.
(9) ANALYSIS OF COMPLEXITY OF OPERATION AND RELATIVE DEGREE OF OPERATOR SKILL REQUIRED
(10) ANALYSIS OF OPERATIONAL SUITABILITY FOR KNOWN TYPES OF FIELD STATION OR BASE STATION EMPLOYMENT
(11) COMPARISON WITH OTHER KNOWN SYSTEMS, DEVICES OR COMPONENTS OF SYSTEMS DESIGNED FOR SIMILIAR FUNCTIONS

CLASS B - THIS TYPE EVALUATION INCLUDES THE TEST AND EVALUATION OF ONLY THOSE CHARACTERISTICS OF A SYSTEM, DEVICE OR COMPONENT OF A SYSTEM WHICH ARE SPECIFIED BY THE REQUESTING INDIVIDUAL OR OFFICE. THE CONCLUSIONS AND RECOMMENDATIONS MAY INVOLVE ANY OF THE LISTED CATEGORIES UNDER THE CLASS "A" EVALUATION DESCRIBED ABOVE AND IS DEPENDENT UPON THE NATURE OF THE REQUEST.

CLASS C

(1) FLEXIBILITY OF SYSTEM FEATURES
(2) SUITABILITY OF FORM FACTOR OF UNITS
(3) ANALYSIS OF POSSIBLE APPLICATIONS OF ITEM UNDER CONSIDERATION
(4) ANALYSIS OF DEGREE OF OPERATOR SKILL REQUIRED
(5) COMMENTS ON UNUSUAL OR NOVEL CHARACTERISTICS WHICH MAY BE EVIDENT FROM TESTS, INSPECTION OR CLAIMED BY THE MANUFACTURER

CLASS D - THE OPERATIONAL EVALUATION PERFORMED INCLUDES THE FOLLOWING INFORMATION:

I. PHYSICAL
   (1) DEFECTS, DAMAGES, OMISSIONS IN PACKING NOTED UPON DELIVERY
   (2) COMPLEXITY OF ASSEMBLY OR DISASSEMBLY
   (3) MECHANICAL RELIABILITY

II. OPERATIONAL
   (1) COMPLEXITY OF TUNING OR FUNCTIONAL CHANGES
   (2) ELECTRICAL RELIABILITY
   (3) OMISSIONS OF FEATURES, I.E.: POOR STABILITY, RESETTABILITY, SELECTIVITY, ETC.

III. RECOMMENDATIONS
   (1) RECOMMENDED OR NOT
   (2) IF RECOMMENDED, FOR WHAT APPLICATIONS

☐ UNCLASSIFIED ☐ USE ONLY ☐ CONFIDENTIAL ☐ SECRET

ROUTING AND RECORD SHEET

SUBJECT: (Optional)

FROM: OC-E/R+D-EP

NO.

DATE: 10 November 1958

TO: (Officer designation, room number, and building)	DATE RECEIVED	DATE FORWARDED	OFFICER'S INITIALS	COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)
1. R+D		11/17 11-12		ASSUME THIS IS A CONFIRMING REQUEST
2.				
3.				
4.				
5. R+D LAB				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				

FORM 1 DEC 56 610 USE PREVIOUS EDITIONS ☐ SECRET ☐ CONFIDENTIAL ☐ INTERNAL USE ONLY ☐ UNCLASSIFIED

REQUEST FOR EQUIPMENT EVALUATION

REQUEST NO.

PROJECT NO. 2110

PRIORITY CLASS

DATE

NOMENCLATURE

No nomenclature assigned. This receiver is to be considered as a test vehicle.

MANUFACTURER

25X1

MODEL

PRICE NA

TYPE OF EVALUATION

	CLASS A *(Complete A & A)*		CLASS C *(General)*
X	CLASS B *(Partial A & A)*		CLASS D *(Operational)*

OTHER

	REPORT NEEDED BY *(Date)*		NO. OF COPIES REQUIRED 6 each

SECURITY CLASSIFICATION

EQUIPMENT						REPORT					
	SECRET		CONFIDENTIAL	X	UNCLASS.	X	SECRET		CONFIDENTIAL		UNCLASS.

PURPOSE OF EVALUATION

The purpose of the evaluation is to determine the value and effectiveness of any unique circuitry or components developed under this project. The final report may be used as a guide in your evaluation.

FOR CLASS B *(Specify tests required)*

Class A - 1
- 2
- 3
- 4
- 9
- 11

A-11 compare with RR/AA-11, RR/A-11 Receivers.

GENERAL REQUIREMENTS

PROPOSED USE OR OPERATION

None

GEOGRAPHIC AREA OF PROPOSED USAGE

None

SPECIFIC REQUIREMENTS

TEMPERATURE -40° to +50°C

HUMAN

CLIMATE

OTHER **Circuit Component Evaluation**

REQUESTING DIVISION

DA

DA

PERFORMING DIVISION

DATE APPROVED BY

25X1

DATE PROJECT OFFICER

FORM

TYPE OF EVALUATION EXPLANATION

CLASS A

(1) ANALYSIS OF SUITABILITY OF CIRCUITS SELECTED TO PERFORM VARIOUS FUNCTIONS
(2) RECOMMENDATIONS FOR IMPROVEMENT OF CIRCUIT DESIGN AND/OR INCORPORATION OF MORE SUITABLE COMPONENTS
(3) FLEXIBILITY OF SYSTEM FEATURES
(4) ANALYSIS OF PROBABLE RELIABILITY OF OPERATION
(5) ANALYSIS OF FORM FACTOR OF UNITS OF SYSTEM WHERE APPLICABLE
(6) EVALUATION OF RELATIVE EASE OF MAINTENANCE AND SERVICING
(7) EVALUATION OF POSSIBLE METHODS OF FURTHER SIZE AND WEIGHT REDUCTION WHERE THIS IS AN IMPORTANT FACTOR
(8) ANALYSIS OF IMMUNITY TO FUNGUS, CORROSION, DUST, WATER IMMERSION, ETC.
(9) ANALYSIS OF COMPLEXITY OF OPERATION AND RELATIVE DEGREE OF OPERATOR SKILL REQUIRED
(10) ANALYSIS OF OPERATIONAL SUITABILITY FOR KNOWN TYPES OF FIELD STATION OR BASE STATION EMPLOYMENT
(11) COMPARISON WITH OTHER KNOWN SYSTEMS, DEVICES OR COMPONENTS OF SYSTEMS DESIGNED FOR SIMILIAR FUNCTIONS

CLASS B - THIS TYPE EVALUATION INCLUDES THE TEST AND EVALUATION OF ONLY THOSE CHARACTERISTICS OF A SYSTEM, DEVICE OR COMPONENT OF A SYSTEM WHICH ARE SPECIFIED BY THE REQUESTING INDIVIDUAL OR OFFICE. THE CONCLUSIONS AND RECOMMENDATIONS MAY INVOLVE ANY OF THE LISTED CATEGORIES UNDER THE CLASS "A" EVALUATION DESCRIBED ABOVE AND IS DEPENDENT UPON THE NATURE OF THE REQUEST.

CLASS C

(1) FLEXIBILITY OF SYSTEM FEATURES
(2) SUITABILITY OF FORM FACTOR OF UNITS
(3) ANALYSIS OF POSSIBLE APPLICATIONS OF ITEM UNDER CONSIDERATION
(4) ANALYSIS OF DEGREE OF OPERATOR SKILL REQUIRED
(5) COMMENTS ON UNUSUAL OR NOVEL CHARACTERISTICS WHICH MAY BE EVIDENT FROM TESTS, INSPECTION OR CLAIMED BY THE MANUFACTURER

CLASS D - THE OPERATIONAL EVALUATION PERFORMED INCLUDES THE FOLLOWING INFORMATION:

I. PHYSICAL
(1) DEFECTS, DAMAGES, OMISSIONS IN PACKING NOTED UPON DELIVERY
(2) COMPLEXITY OF ASSEMBLY OR DISASSEMBLY
(3) MECHANICAL RELIABILITY

II. OPERATIONAL
(1) COMPLEXITY OF TUNING OR FUNCTIONAL CHANGES
(2) ELECTRICAL RELIABILITY
(3) OMISSIONS OF FEATURES, I.E.: POOR STABILITY, RESETTABILITY, SELECTIVITY, ETC.

III. RECOMMENDATIONS
(1) RECOMMENDED OR NOT
(2) IF RECOMMENDED, FOR WHAT APPLICATIONS

REQUEST FOR EQUIPMENT EVALUATION

REQUEST NO.	PROJECT NO.
	2110
PRIORITY CLASS	DATE

NOMENCLATURE

No nomenclature assigned. This receiver is to be considered as a test vehicle.

MANUFACTURER

25X1

MODEL

PRICE: NA

TYPE OF EVALUATION

	CLASS A *(Complete A & A)*		CLASS C *(General)*
X	CLASS B *(Partial A & A)*		CLASS D *(Operational)*

OTHER

	REPORT NEEDED BY *(Date)*		NO. OF COPIES REQUIRED 6 each

SECURITY CLASSIFICATION

EQUIPMENT						REPORT					
	SECRET		CONFIDENTIAL	X	UNCLASS.	X	SECRET		CONFIDENTIAL		UNCLASS.

PURPOSE OF EVALUATION

The purpose of the evaluation is to determine the value and effectiveness of any unique circuitry or components developed under this project. The final report may be used as a guide in your evaluation.

FOR CLASS B *(Specify tests required)*

Class A - 1
- 2
- 3
- 4
- 9
- 11

A-11 compare with RR/AA-11, RR/A-11 Receivers.

GENERAL REQUIREMENTS

PROPOSED USE OR OPERATION

None

GEOGRAPHIC AREA OF PROPOSED USAGE

None

SPECIFIC REQUIREMENTS

TEMPERATURE -40° to +50°C	HUMAN
CLIMATE	OTHER **Circuit Component Evaluation**

REQUESTING DIVISION	PERFORMING DIVISION
DATE APPROVED BY	DATE APPROVED BY
DATE LIAISON CONTACT	DATE PROJECT OFFICER

25X1

FORM 1057

TYPE OF EVALUATION EXPLANATION

CLASS A

(1) ANALYSIS OF SUITABILITY OF CIRCUITS SELECTED TO PERFORM VARIOUS FUNCTIONS
(2) RECOMMENDATIONS FOR IMPROVEMENT OF CIRCUIT DESIGN AND/OR INCORPORATION OF MORE SUITABLE COMPONENTS
(3) FLEXIBILITY OF SYSTEM FEATURES
(4) ANALYSIS OF PROBABLE RELIABILITY OF OPERATION
(5) ANALYSIS OF FORM FACTOR OF UNITS OF SYSTEM WHERE APPLICABLE
(6) EVALUATION OF RELATIVE EASE OF MAINTENANCE AND SERVICING
(7) EVALUATION OF POSSIBLE METHODS OF FURTHER SIZE AND WEIGHT REDUCTION WHERE THIS IS AN IMPORTANT FACTOR
(8) ANALYSIS OF IMMUNITY TO FUNGUS, CORROSION, DUST, WATER IMMERSION, ETC.
(9) ANALYSIS OF COMPLEXITY OF OPERATION AND RELATIVE DEGREE OF OPERATOR SKILL REQUIRED
(10) ANALYSIS OF OPERATIONAL SUITABILITY FOR KNOWN TYPES OF FIELD STATION OR BASE STATION EMPLOYMENT
(11) COMPARISON WITH OTHER KNOWN SYSTEMS, DEVICES OR COMPONENTS OF SYSTEMS DESIGNED FOR SIMILIAR FUNCTIONS

CLASS B - THIS TYPE EVALUATION INCLUDES THE TEST AND EVALUATION OF ONLY THOSE CHARACTERISTICS OF A SYSTEM, DEVICE OR COMPONENT OF A SYSTEM WHICH ARE SPECIFIED BY THE REQUESTING INDIVIDUAL OR OFFICE. THE CONCLUSIONS AND RECOMMENDATIONS MAY INVOLVE ANY OF THE LISTED CATEGORIES UNDER THE CLASS "A" EVALUATION DESCRIBED ABOVE AND IS DEPENDENT UPON THE NATURE OF THE REQUEST.

CLASS C

(1) FLEXIBILITY OF SYSTEM FEATURES
(2) SUITABILITY OF FORM FACTOR OF UNITS
(3) ANALYSIS OF POSSIBLE APPLICATIONS OF ITEM UNDER CONSIDERATION
(4) ANALYSIS OF DEGREE OF OPERATOR SKILL REQUIRED
(5) COMMENTS ON UNUSUAL OR NOVEL CHARACTERISTICS WHICH MAY BE EVIDENT FROM TESTS, INSPECTION OR CLAIMED BY THE MANUFACTURER

CLASS D - THE OPERATIONAL EVALUATION PERFORMED INCLUDES THE FOLLOWING INFORMATION:

I. PHYSICAL
(1) DEFECTS, DAMAGES, OMISSIONS IN PACKING NOTED UPON DELIVERY
(2) COMPLEXITY OF ASSEMBLY OR DISASSEMBLY
(3) MECHANICAL RELIABILITY

II. OPERATIONAL
(1) COMPLEXITY OF TUNING OR FUNCTIONAL CHANGES
(2) ELECTRICAL RELIABILITY
(3) OMISSIONS OF FEATURES, I.E.: POOR STABILITY, RESETTABILITY, SELECTIVITY, ETC.

III. RECOMMENDATIONS
(1) RECOMMENDED OR NOT
(2) IF RECOMMENDED, FOR WHAT APPLICATIONS